

## **MEMORANDUM**

To: Kent Street, Chairman, Executive Committee  
From: Walter S. Willis, Executive Director  
Subject: June 2009 Meeting Notice Information  
Date: June 11, 2009

Attached you will find the agenda for this month's meeting, the minutes from the April Public Hearing, the minutes from our April 2009 meeting, and the referenced consent, action and/or informational items.

I look forward to seeing you all at this month's meeting.

**SOLID WASTE AGENCY OF LAKE COUNTY, IL**  
**EXECUTIVE COMMITTEE**  
**Thursday June 18, 2009 12:00 Noon**  
**1311 N. Estes Street Gurnee, IL 60031**

1. CALL TO ORDER.....Chairman Street
2. ROLL CALL .....Secretary
3. APPROVAL OF MINUTES  
    Public Hearing April 16, 2009  
    Minutes of April 16, 2009 Regular Meeting
4. NEW AGENDA ITEMS
5. PUBLIC COMMENT ON AGENDA ITEMS
6. EXECUTIVE COMMITTEE ITEMS .....Chairman Street

**Action Items**

1. Resolution Recognizing the City of Highland Park for Residential Electronic Collection
2. Public Officials Liability Insurance – Not in packet

**Information Items**

1. Reuse-A-Shoe Program Results
2. Department of Transportation (DOT) Packaging Requirements for Alkaline Batteries
3. April and May Household Chemical Waste (HCW) Results
4. 1<sup>st</sup> Quarter 2009 Recycling and Per Ton Payment Report
5. 2008 Illinois EPA Municipal Waste and Recycling Survey
6. Budget Update
7. Amendment to the SWALCO Intergovernmental Agreement
8. Legislative Update
9. Status of the 2009 Plan Update
10. Project and Program Updates

7. COMMITTEE MATTERS  
    There will be three terms expiring in June. I have received three letters of nomination.
8. EXECUTIVE SESSION – if needed
9. ADJOURNMENT

RECORD

SOLID WASTE AGENCY OF LAKE COUNTY, IL  
BOARD OF DIRECTORS

PUBLIC HEARING

APRIL 16, 2009 12:00 NOON  
1311 N. ESTES STREET, GURNEE, IL 60031

Kent Street, SWALCO Chairman of the Executive Committee, started the public hearing to discuss an amendment to the Solid Waste Management Plan at 12:00 noon.

Walter Willis, SWALCO Executive Director, reviewed the background of the Solid Waste Management Plan and the five year updates. He explained that he is asking for approval to change language in the Lake County Solid Waste Management Plan from:

A.1 Prior to filing a siting application, pursuant to Section 39.2 of the Illinois Environmental Protection Act, for a new pollution control facility or for an expansion or significant modification to an existing pollution control facility, the applicant shall enter into Host Community Benefit Agreements with Lake County, SWALCO, the governing body with jurisdiction over the proposed facility, and other appropriate units of local government, as determined by the applicant, prior to filing the siting application with the governing body. In the event the applicant is an existing pollution control facility with existing Host Community Benefit Agreements, the applicant shall amend each existing Host Community Agreement with each respective party prior to filing the siting application with the governing body.

The new or amended Host Community Benefit Agreements must, at a minimum, contain provisions for: 1) a guarantee of access to capacity at the facility for unincorporated and incorporated solid waste, 2) environmental safeguards, and 3) payment of host benefit fees.

to:

A1. Prior to filing a siting application, pursuant to Section 39.2 of the Illinois Environmental Protection Act, for a new pollution control facility or for an expansion or significant modification to an existing pollution control facility, the applicant shall first enter into Host Community Benefit Agreements with Lake County, SWALCO, and the governing body with jurisdiction over the proposed facility. In addition the applicant may enter into additional Host Community Agreements with ~~and~~ other appropriate units of local government, as determined by the applicant. ~~; prior to filing the siting application with the governing body.~~ In the event the applicant is an existing pollution control facility with existing Host Community Benefit Agreements, the applicant shall amend each existing Host Community Agreement with each respective party prior to filing the siting application with the governing body.

The new or amended Host Community Benefit Agreements with Lake County and SWALCO must, at a minimum, contain provisions for: 1) a guarantee of access to capacity at the facility for Lake County's

unincorporated and incorporated solid waste, 2) environmental safeguards, and 3) payment of host benefit fees.

Members present: Mike Ellis, Glenn Ryback, John Norris, Kent Street and Highland Park (Steve Mandel). Staff: Walter Willis, Executive Director, Larry Clark, General Counsel, and Barbara Amadei, Secretary.

Public Comment

None.

Chairman Street asked for a motion to close the Public Hearing of the Solid Waste Agency of Lake County, Illinois. Motion by Norris, seconded by Highland Park. Motion was approved.





## MINUTES

SOLID WASTE AGENCY OF LAKE COUNTY, ILLINOIS  
EXECUTIVE COMMITTEE  
THURSDAY APRIL 16, 2009 12:00 NOON  
1311 N ESTES STREET, GURNEE, IL 60031

MEMBERS ATTENDING: Mike Ellis, Glenn Ryback, John Norris, Kent Street, Highland Park (Steve Mandel). Staff: Walter Willis, Executive Director, Steve Nelson, Household Chemical Waste Engineer, Peter Adrian, Recycling Coordinator, Merleanne Rampale, Public Information Officer, Barbara Amadei, Secretary, and Larry Clark, General Counsel.

### CALL TO ORDER

Chairman Street called the meeting to order at 12:06 p.m. with 5 members present.

### APPROVAL OF MINUTES

Motion by Ryback, seconded by Norris to approve the minutes of February 19, 2009. Motion was approved.

### PUBLIC COMMENT

None.

### NEW AGENDA ITEMS

I 3. Discussion on the make up of the Executive Committee, members leaving, status of Waukegan and any changes that need to be made to the SWALCO Agreement or By Laws.

### EXECUTIVE COMMITTEE ACTION

Action

#### 2. Website Consultant

Mr. Willis explained that we researched this issue to try to find out what our options would be if we stayed with the county's site or if we went out on our own. We received two proposals. 1) SWS, Inc. an independent consultant, who designed Sears' website. It was explained that he has staff working for him. He is highly recommended by the IT Department in the County. We did not have him quote Option 1. Option 2 would be \$6750 with a \$20 hosting fee per month. He is very strong on the architecture of building a site. 2) Crowe Horwath would

be \$19,000 for Option 1 to stay within the county site. They did not give a quote for Option 2 because it would be more money than what we wanted to spend.

Mr. Willis asked for direction on what to decide with the website.

The Committee agreed that they do not like the current county/SWALCO site and that we should put out an RFP for several vendors to get more bids. It was agreed that the site should look professional at a price range of \$10,000.

Motion by Norris, seconded by Highland Park to direct staff to issue an RFP and to delineate our needs for the website for both options of staying with the county's website or going on our own. Motion was approved.

1. Lake County Curbside Recycling Guidelines

Ms. Rampale reviewed the final Curbside Guidelines. When approved, they will be sent out and posted on the website. One new point is that paper cartons will now be accepted in the recycling bin.

Motion by Highland Park, seconded by Norris to adopt the Recycling Guidelines. Motion was approved.

Information Items

1. List of Lake County Municipalities not SWALCO Members

Mr. Willis distributed a list of towns that do not belong to SWALCO. The Committee agreed to send a letter to these entities, explaining who we are, and to see if they are interested in becoming a SWALCO member.

2. Project and Program Update

- 1) The Lincolnshire hauling survey is done and it appears that further investigation of the commercial franchise option is warranted.
- 2) Veolia approached both North Chicago and Zion about switching from once a month collection to every other week, in return Veolia will provide carts with no cost increase. Staff is assisting both towns with that option.
- 3) Veolia met with the directly County Administrator. There is one significant issue regarding the issue of what waste stream they are paying on.
- 4) Waste Management met with Walter on the modified Host Agreement. Mr. Willis will meet again soon with both WM and Veolia to complete the host agreements, so that we can move forward with the county in directly receiving the surcharge fee.
- 5) Walter Willis met Republic, who merged with Allied, concerning a host



agreement. They have landfills in Wisconsin and therefore, if they take waste from Lake County, it will affect SWALCO. If members want recyclables to go to a place other than Waste Management, the other hauler should at least match what WM gives them. There should be flexibility on where the material can be taken, but the return to the members needs to be the same. The members' contract should state that if a hauler is going to take our waste to somewhere other than WMRA, then it needs to be documented how that is saving the member money.

- 6) The presentation to the Lake County Public Works and Transportation Committee regarding the HDR Odor Memo went well. The IEPA decided not to pursue enforcement action against WM regarding the odor complaints. SWALCO and Grayslake will work with WM to make sure the HDR recommendations are implemented as agreed to by WM.
- 7) The legislature is taking a two week break. All our bills are in second chamber.
- 8) Mr. Willis will present an information item at the next board meeting concerning the budget. Revenue has been continually decreasing which will impact next year's budget. Crystal Lake Transfer Station will open in McHenry and we could see even a further decrease in money from Lake County landfills.
- 9) The Plastic Bag Task Force met yesterday. The pilot program is set for this spring. At the conclusion of the program, we will send a report to the state that they can use as a model for the rest of the state.
- 10) The IEPA agreed that regardless of the use of material at a landfill, it is deemed a waste when it enters the landfill.

Mr. Willis distributed a newspaper article about alternative technology or landfill expansion. Residents were able to give their opinions and it was very positive toward alternative technologies.

The Citizen Advisory Committee will meet later this month to review the changes made so far to the Plan. They will meet one more time and then the new plan will be presented to the Board for review.

3) Mr. Willis discussed the vacant position of Ted Mueller on the Executive Committee. Larry Clark, General Counsel, explained that Mr. Mueller was elected to that seat, not the Village of Hainesville, therefore members must submit their letter of nomination for that seat, it is not just transferred to the new Director of Hainesville.

Initially, the makeup of the Executive Committee also contained permanent seats for members with over 30,000 residents. At the time there were only three entities with populations over 30,000; now there are six. If Waukegan chooses not to remain a member of SWALCO, one of the other members with a population over 30,000 could take their place. Or SWALCO could vote to have more than three permanent members with populations of 30,000 or more. The bylaws say that the three members, with more than 30,000 in population, will serve perpetual terms. Mr. Clark stated that we will need to amend our bylaws to provide how we fill vacancies on the Executive Committee with members of 30,000 or more, which means we could have more

than three permanent seats. We could have an election of three from the members who have 30,000 or more and it should be decided if they should be perpetual terms? Mr. Clark also stated that we could increase the population amount which would limit the members with a large population. The Executive Committee election will take place in June.

The Committee agreed to approach the City of Waukegan to discuss SWALCO with the newly elected Mayor. Mr. Willis stated that he would contact Mayor Sabonjian. The Committee felt it was important to have Waukegan as an active SWALCO member.

Mr. Clark was asked to give clarification to the election process and his interpretation of the original SWALCO Agreement and Bylaws and how the members were initially set.

An email will be sent to all members regarding the vacancy on the Executive Committee.

Resolutions will be mailed to all outgoing members.

#### ADJOURNMENT

Motion by Highland Park, seconded by Ryback to adjourn. Motion was approved.

**SOLID WASTE AGENCY OF LAKE COUNTY (SWALCO)**  
**EXECUTIVE COMMITTEE**

**COMMUNITY****REPRESENTATIVE****TITLE**

FLYNN		ASSISTANT VILLAGE ADMINISTRATOR
ELLIS	MIKE ELLIS	VILLAGE MANAGER
MUELLER		MAYOR
RYBACK	Glenn Ryback	MAYOR
NORRIS	John Norris	TRUSTEE
STREET	Kate Street	VILLAGE ADMINISTRATOR
CITY OF HIGHLAND PARK	Dawn Marshall	Councilman
LAKE COUNTY		

DATE: 4-16-09

SIGN-IN SHEET

**SOLID WASTE AGENCY OF LAKE COUNTY, (SWALCO)**  
**EXECUTIVE COMMITTEE**

DATE: 4-16-09

**VOTING RECORD**

	ATTENDANCE								
<b><i>NAMES</i></b>		A	N	A	N	A	N	A	N
FLYNN									
✓ ELLIS	✓								
MUELLER									
✓ NORRIS	✓								
✓ RYBACK	✓								
✓ STREET	✓								
✓ HIGHLAND PARK	✓								
LAKE COUNTY									
<b><i>TOTAL</i></b>	5								





**A - 1. Resolution Recognizing The City of Highland Park's Efforts in Supporting SWALCO's Residential Electronics Collection Program**

**ISSUE:** Adoption of Resolution

**RECOMMENDATION:** I recommend approval

**TIMING:** Routine

**BACKGROUND:** The enclosed resolution has been prepared at the recommendation of staff to recognize the City of Highland Park for their outstanding efforts in supporting the Agency's Residential Electronics Collection Program.

SWALCO entered into an intergovernmental agreement, with the City of Highland Park in 2006, initiating a series of periodic collections which occurred on several Saturdays throughout the years 2006 and 2007 and served as the first municipal collection site to host winter collections. Additionally, the City of Highland Park residential electronics collection site has served as a pilot location in SWALCO's initiative to expand the collection of fluorescent lamps. In November 2007 the City expanded the scope of its collection program by establishing a year round drop-off site which currently operates weekly on Tuesday and Friday accepting both electronics and fluorescent lamps.

From the start, Highland Park's electronics collection program has been well attended and with the expansion of its operating schedule, this collection site immediately became the largest single residential electronics collection point within Lake County. Each week an average of 70 residents drop off broken or unwanted electronic items along with fluorescent lamps. Recently, the City's residential electronics collection site exceeded all previous SWALCO collection records by having now served over 6,000 residents and collecting nearly 425,000 pounds of electronics.

Upon passage, staff will present this resolution along with a Certificate of Achievement to the City Council at its next meeting.

**ENCLOSED DOCUMENTS:** Resolution 2009-4

**STAFF:** Peter Adrian, Recycling Coordinator

**SOLID WASTE AGENCY OF LAKE COUNTY**  
**BOARD OF DIRECTORS**  
RESOLUTION 2009-4

**WHEREAS**, the Lake County Solid Waste Management Plan (Plan) was the first Solid Waste Management Plan adopted and updated in the State of Illinois; and

**WHEREAS**, the Solid Waste Agency of Lake County, Illinois, (Agency) was formed to implement the Plan; and

**WHEREAS**, this Agency is a municipal Joint Action Agency comprised of 41 municipalities including the City of Highland Park, as well as the Great Lakes Naval Training Center, and Lake County; and

**WHEREAS**, the Plan identifies a need to divert electronics from the waste stream due to potentially hazardous materials being contained in such items; and

**WHEREAS**, the Agency encourages its members to enter into Agreements with the Agency whereby members would host a Residential Electronic Collection Program site; and

**WHEREAS**, the City of Highland Park did so enter into an Agreement to host such a site; and

**WHEREAS**, the City of Highland Park Residential Electronics Collection Program site operated periodically in the years 2006 and 2007 and served as the first municipal collection site to host winter collections; and

**WHEREAS**, the City of Highland Park residential electronics collection site served as a pilot location in the Agency's initiative to expand the collection of fluorescent lamps; and

**WHEREAS**, in November 2007 the City expanded the scope of its residential electronics collection program by establishing a year round drop-off site which operates weekly on Tuesday and Friday accepting both electronics and fluorescent lamps year round; and

**WHEREAS**, in May of 2009 the City's residential electronics collection site exceeded all previous SWALCO collection records by having served over 6,000 residents and collecting nearly 425,000 pounds of electronics since the program's inception.

**NOW, THEREFORE, BE IT RESOLVED**, by the Solid Waste Agency of Lake County, Illinois that we do, in unison, most respectfully recognize the City of Highland Park for its outstanding efforts in operating a Residential Electronics Collection Program.

**BE IT FURTHER RESOLVED**, that the Agency direct staff to present a copy of this resolution to the Mayor of the City of Highland Park at its May 26, 2009 City Council meeting.

**DATED**, at Gurnee, Lake County, Illinois on this 21st day of May 2009.

\_\_\_\_\_  
Chairman

\_\_\_\_\_  
Secretary



**A – 2. Public Officials Liability Insurance Award**

**ISSUE:** Secure Public Official Liability Insurance

**RECOMMENDATION:** Recommend approval

**TIMING:** Routine

**BACKGROUND:** Public Officials Liability coverage is secured to protect SWALCO, its directors and employees against any wrongful acts, errors or omissions. This is an annual policy with a coverage limit of \$1,000,000. SWALCO has maintained this coverage since our inception. The current policy is due to expire on July 24, 2009.

Arthur Gallagher Risk Management Services, our insurance broker, solicited competitive quotes for this policy, two quotes came back. RSUI, our current carrier, quoted a premium of \$5,100 (\$100 more than last year) and Westchester Fire Insurance (\$2,280).

Although not low bid, Arthur Gallagher recommends that we stay with RSUI as they have the Public Officials Extension endorsement (a significant coverage enhancement) to their policy which covers third party entities such as volunteer groups (i.e. our CAC committee) and elected officials.

Based on AJ Gallagher's recommendation, and our review, we request your approval to secure RSUI as our Public Officials Liability insurance provider for 2009/20010.

**FISCAL IMPACT:** Administration 9200010 object code 72110 Liability Insurance \$5,100.00.

**ENCLOSED DOCUMENTS:** Premiums/Fee Comparison Chart, Coverage Extension

**STAFF:** Barbara L. Amadei, Executive and Steve Nelson, HCW Engineer

## Premiums/Fees Comparison: Expiring to Recommended Carriers

Line of Coverage/Premium	2006 – 2007 Policy Term	2007 – 2008 RSUI	2008 – 2009 Renewal	2009 – 2010 Option #1	2009 – 2010 Option #2
1. Public Officials Liab. / EPLI	National Union Fire (AIG)	RSUI	RSUI	RSUI	Westchester Fire Insurance
Premium		\$7,260	\$5,000	\$5,000 \$100 RPS Fee	\$2,180 \$100 PRS Fee
2. All Other Fees, if applicable		\$261.36			
3. Expiring Total Premium	\$10,932	\$7,521.36	\$5,000		
4. Recommended Renewal Premium				\$5,100	\$2,280

- The premium indicated is an estimate provided by the market. The actual premium and acceptance of the coverage requested will be determined by the market after a thorough review of the completed application.

We are recommending that you continue your renewal coverage with RSUI for the 2009-10 policy term.

RSUI has added the Public Officials Extension endorsement to their policy. This is a key enhancement that adds significant coverage for SWALCO. A copy of the endorsement has been included



Arthur J. Gallagher Risk Management Services, Inc.

*This Endorsement Changes The Policy. Please Read It Carefully.*

## **COVERAGE EXTENSION - PUBLIC OFFICIALS**

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This endorsement modifies insurance provided under the following:

### **DIRECTORS AND OFFICERS LIABILITY POLICY – NOT FOR PROFIT ORGANIZATION**

This policy is amended as follows:

A. SECTION III. – DEFINITIONS, H., I. and O. are deleted and replaced by the following:

H. **Insured Organization** means the municipality, governmental body, department or unit which is named in Item 1. of the Declarations Page.

I. **Insured Person** means:

1. All persons who were, now are or shall be lawfully elected or appointed officials or **Employees** while acting solely in his or her capacity as such or on behalf of the **Insured Organization**;
2. Commissions, boards, or other units, and members and **Employees** thereof, operated by and under the jurisdiction of such **Insured Organization** and within an apportionment of the total operating budget submitted to the **Insurer**;
3. Volunteers acting solely in his or her capacity as such or on behalf of, at the request of and under the direction of, the **Insured Organization**; and
4. Officials and **Employees** of the **Insured Organization** appointed at the request of the **Insured Organization** to serve with an outside tax exempt entity.

O. **Wrongful Act** means:

1. With respect to an **Insured Person**, any **Employment Practices Wrongful Act** or any actual or alleged act, error, omission, misstatement, misleading statement, neglect or breach of duty while acting solely in his or her capacity as such and on behalf of the **Insured Organization**; or
2. With respect to the **Insured Organization**, any **Employment Practices Wrongful Act** or any actual or alleged act, error, omission, misstatement, misleading statement, neglect or breach of duty by or on behalf of the **Insured Organization**.

B. SECTION III. – DEFINITIONS, L. **Personal Injury Wrongful Act** shall be deleted in its entirety.

C. SECTION IV. – EXCLUSIONS, 7. a. and b. are deleted and replaced by the following:

7. Brought by or on behalf of one **Insured** against another **Insured**, however, with respect to any allegations of an **Employment Practices Claim**, this EXCLUSION shall only apply to cross-claims or counter-claims brought by one **Insured** against another **Insured**;

D. SECTION IV. – EXCLUSIONS, 9. is deleted and replaced by the following:

9. Alleging, arising out of, based upon or attributable to, in whole or in part, the performance or rendering of or failure to perform professional services to anyone other than the **Insured Organization** by any member of the medical profession, or by any lawyer, architect, engineer or accountant;

E. SECTION IV. – EXCLUSIONS shall be amended by adding the following:

12. Alleging, arising out of, based upon or attributable to inverse condemnation, temporary or permanent taking, adverse possession or dedication by adverse use;
13. Alleging, arising out of, based upon or attributable to strikes, riots or civil commotion;

**Policy No.:**

**Effective:**

- 
14. Alleging, arising out of, based upon or attributable to the operation of or activities of any schools, airports, transit authorities, hospitals, clinics, nursing homes or other health care operations, utilities, housing authorities, jails or detention facilities, law enforcement agencies or fire fighting authorities unless such entity is the **Insured** named in Item 1. of the Declarations Page or by an endorsement attached. Regardless of the named **Insured**, this EXCLUSION shall apply to any **Claim** alleging **Employment Practices Wrongful Acts** that arise out of the **Insured Organization's** operation of or activities in conjunction with any jails or detention facilities, law enforcement agencies or fire fighting authorities, unless such coverage is specifically added by an endorsement attached;
  15. Alleging, arising out of, based upon or attributable to the issuance of bonds or the improper collection of taxes;
  16. Alleging, arising out of, based upon or attributable to any construction, architectural or engineering contracts and/or agreements or the liability of others assumed by any **Insured** under the terms of any such contract or agreement unless such liability would have attached to any **Insured** in the absence of the contract or agreement; or
  17. For any actual or alleged libel, slander or defamation in any form; provided this EXCLUSION shall not apply to allegations of libel, slander, or defamation in any form made solely in connection with an **Employment Practices Claim**.

All other terms and conditions of this policy remain unchanged.

## Market Review

Obtaining a comprehensive and competitively priced program of insurance in the marketplace requires more than access to the market. Past experience and credibility with markets are the foundation of a successful campaign for your company. Accurate and detailed specifications are essential in all of Arthur J. Gallagher Risk Management Services, Inc. communications to each insurance company contacted.

Insurance Carrier	Coverages	Carrier Position
		<ul style="list-style-type: none"> <li>• Quoted</li> <li>• Declined &amp; Reason</li> <li>• Indication</li> <li>• Verbal Quote</li> </ul>
RSUI	Public Officials Liab / EPLI	Quoted
Westchester Fire Insurance	Public Officials Liab / EPLI	Quoted
USLI	Public Officials Liab / EPLI	Declined due to nature of operation
Beazley Insurance	Public Officials Liab / EPLI	Declined due to class of business
Great America	Public Officials Liab / EPLI	Declined due to class of business
CNA	Public Officials Liab / EPLI	Declined due to class of business
Zurich	Public Officials Liab / EPLI	No response
Travelers	Public Officials Liab / EPLI	No response
Philadelphia	Public Officials Liab / EPLI	No response



Arthur J. Gallagher Risk Management Services, Inc.

## **I – 1. Reuse-A-Shoe Program Results**

**BACKGROUND:** The Reuse-A-Shoe program is an environmental and community program where old gym shoes of every brand, size and color are collected, ground up and recycled into new sports fields, tracks, playgrounds and other athletic surfaces. In 2005, the Agency entered into a Collection Agreement with Nike and the National Recycling Coalition to participate in the program.

This is the fifth year that SWALCO (Solid Waste Agency of Lake County) coordinated the program for Lake County groups. Mounds of shoes were brought in over the 1<sup>st</sup> weekend in May for the 2009 Nike Reuse-A-Shoe program. Nearly 90 groups from around Lake County participated this year including schools, village halls and public works departments, public libraries, corporate offices, park districts, Scout troops and other community groups. People from age 8 to age 80 were involved and gym shoes of all sizes and colors filled the collection bags. SWALCO collected nearly 27,000 shoes this year. Not only did we keep 27,000 shoes out of our depleting landfill space, but participating groups donated approximately 2,000 gently worn shoes to charities.

Several articles about the program appeared in local papers, etc. featuring a number of the program participants and their shoe/recycling stories. The 2009 program was very successful and there was great enthusiasm from all involved. Each participating group will be recognized with a certificate of appreciation. Scout groups will receive special shoe Scout badges and some additional eco-friendly prizes will be awarded. The program has also helped to educate the community about other SWALCO programs and services. SWALCO intends to continue to offer the athletic shoe recycling program again next year.

United Partnership of Wauconda collected over 4,000 shoes. Vernon Hills Public Works, Park District w/State Rep. Kathy Ryg collected 2,100 shoes together. Both groups have been collecting year-round. In addition, groups collecting 500 or more during the winter-spring season: Allstate Insurance Company, Jeremy Bloomfield from Aptakisic Jr. High, Butterfield School in Libertyville, Ela Area Public Library in Lake Zurich, Fremont Middle School in Mundelein, Grayslake Area Public Library, Lake County High Schools Technology Campus, Girl Scout Troop 2596 from Antioch, Mundelein Park District w/Girls Thunder Softball, Rockland Elementary School in Libertyville and Vernon Area Public Library in Lincolnshire.

Groups who have offered to act as year-round drop off sites include: State Representative Kathy Ryg's office, the Vernon Hills Public Works, Vernon Hills Park District, Wauconda Village Hall, Wauconda Public Works, Wauconda Public Library, Wauconda District #118 Schools, Wauconda Park District, Wauconda Federated Church and the Gurnee Park District.

**ENCLOSED DOCUMENTS:** Photos.

**STAFF:** Merleanne Rampale, Public Information Officer, Peter Adrian, Recycling Coordinator















## **I – 2. DOT Packaging Requirements for Alkaline Batteries**

**BACKGROUND:** The Department of Transportation (DOT) recently implemented a new packaging requirement for alkaline batteries. DOT now requires that the terminals on alkaline batteries be “secured” in a way as to prevent short circuiting before they are accepted for transport. The DOT states there are documented cases of fires and/or excess heating that have occurred during shipments as a result of the exposed battery terminals coming into contact with each other. Taping the terminals is a common practice currently used on lithium, ni-cad and metal hydride batteries. Taping eliminates the potential for short circuiting between batteries and therefore minimizes the potential for fire. Several hundred, if not thousands, of alkaline batteries are collected at a typical HCW mobile event. To comply with the requirement, additional manpower and time would be needed resulting in a significant cost impact to our HCW Program.

Alkaline batteries are classified non hazardous by EPA regulations and non regulated according to DOT. Additionally heavy metals, such as cadmium and mercury, have not been used in the manufacturing process since 1998. This manufacturing change virtually eliminates any recycling value for these batteries. In fact, the IEPA landfills alkaline batteries that are collected through the HCW Program.

Staff contacted the IEPA who was unaware of the recent DOT requirement and agreed it poses a significant and unnecessary financial burden to the Program. They did not object when staff said we will advise our population that landfilling is an acceptable disposal method and that we will discourage and work towards not accepting alkaline batteries through the HCW Program.

Therefore, unless otherwise directed, staff will work towards eliminating the collection of alkaline batteries through the HCW Program and will refer residents and others to vendors such as Battery Solutions for those who want to divert them from standard landfilling practices.

**ENCLOSED DOCUMENTS:** Excerpts from Veolia Environmental Services’ Battery Packaging Guidelines issued April 2009 (Pages 1 and 3).

**STAFF:** Steve Nelson, Household Chemical Waste Engineer and Walter Willis, Executive Director



## BATTERY PACKAGING GUIDELINES

Veolia ES Technical Solutions, LLC (Veolia) has developed these guidelines for packaging batteries in an effort to provide its customers with instructions on how to safely package and ship batteries for recycling or disposal. By following these proper packaging methods, any potential hazards will be minimized while the batteries are accumulated at the generator's location as well as during transportation to a recycling or disposal facility.

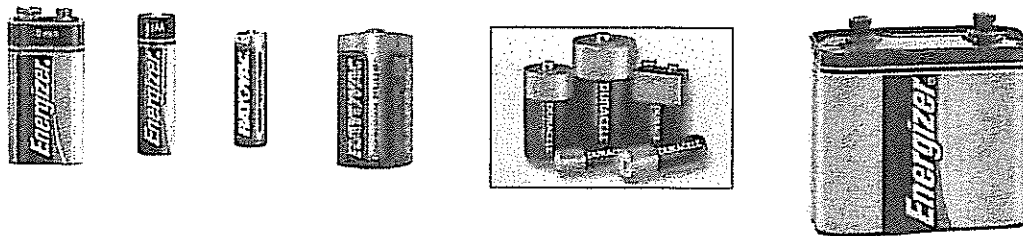
Recently there have been several incidents reported where a fire has occurred as a result of small batteries being improperly packed in a drum. Veolia's goal is to assure that all batteries it manages are properly packaged and therefore the risk of such an incident occurring is minimized.

All batteries pose potential hazards during transportation, therefore it is imperative that all batteries comply with the proper US Department of Transportation (US DOT) packaging requirements that are referenced in this document. These guidelines were specifically developed to address the shipment of batteries by highway, rail and cargo vessel. Additional requirements may apply to air shipments.

### **General Guidelines** applicable to ALL batteries, regardless of type or size:

- Only chemically compatible battery types should be packed in the same package. Do not mix acidic batteries with alkaline batteries.
- To prevent short circuiting the US DOT has identified the following methods as acceptable methods of short circuit protection:
  1. Packaging each battery or each battery-powered device when practicable, in fully enclosed inner packagings made of non-conductive material;
  2. Separating or packaging batteries and battery-powered devices in a manner to prevent contact with other batteries, devices or conductive materials (e.g., metal) in the packagings; or
  3. Ensuring exposed terminals are protected with non-conductive caps, non-conductive tape, or by other appropriate means. Proper insulation includes taping the terminals of the batteries or packaging in individual plastic bags. Clear tape is preferred so that battery identification is still possible. Other forms of insulation may also be used.
- To prevent damage to terminals the US DOT has identified the following methods as acceptable methods for protecting battery terminals:
  1. Securely attaching covers of sufficient strength to protect the terminals;
  2. Packaging the battery in a rigid plastic packaging; or
  3. Constructing the battery with terminals that are recessed.
- Batteries that evolve gas and are packaged in drums, must have pressure relief bungs in the lids.
- All batteries should be stored in a cool, dry environment.
- Leaking batteries must be individually packaged and may require shipment as an EPA hazardous waste.
- Batteries secured to a pallet with shrink-wrap in accordance with 49 CFR §173.159(c)(1) are considered to be a single non-bulk package even if the completed package weighs more than 400 kg (882 pounds). Therefore, marking and labeling should be in accordance with the non-bulk packaging requirements found under §172.301 and §172.400.
- Incident reporting in accordance with §171.16 is required for ALL incidents involving shipments of batteries or battery-powered devices including fire, violent rupture, explosion, or a dangerous evolution of heat. This requirement applies to all battery shipments, including batteries that are prepared as excepted from the HMR requirements.

## ALKALINE



**TYPICAL USES:** Flashlights, cameras, portable radios, audio players, and toys.

**COMPOSITION:** Alkaline batteries have a zinc anode and a manganese dioxide cathode. The electrolyte used in an alkaline battery is a paste of either potassium hydroxide or sodium hydroxide. Each of these components, along with conductors and separators are then assembled into or contained within a hermetically sealed unit.

### **US DOT DESCRIPTION:**

Proper Shipping Name	Batteries, dry, sealed, n.o.s.
Hazard Class	N/A (NONE)
Identification Number	N/A
Packing Group	N/A

### **US DOT PACKAGING REQUIREMENTS:** 49 CFR §172.102 Special Provision 130

All dry cell batteries must be prepared and packaged in a manner to prevent:

1. A dangerous evolution of heat,
2. Short circuits, **and**
3. Damage to terminals

Batteries must be packaged in strong outer packagings or, if large enough, firmly secured to pallets capable of withstanding the shocks normally incident to transportation.

**US EPA REGULATIONS:** Since this class of battery does not fall the TCLP nor does it contain any free liquids, it is not classified as a hazardous waste as defined by the US EPA and as such, is not subject to the universal waste requirements. Individual states may adopt more stringent regulations than the federal regulations; therefore, alkaline batteries may be classified as a universal waste in some states.

**I – 3. April & May HCW Collection Results**

**BACKGROUND:** SWALCO conducted six HCW collection events during the months of April and May. Three events were conducted in April, one mobile event (Fox Lake) and two public drop-off events. Three collections are scheduled for May, one mobile event (Vernon Hills) and two public drop-off events.

Listed below are three comparison tables. The first two tables compare the two most recent events held in Fox Lake and Vernon Hills respectively. The third table summarizes the public drop-off events held at our Gurnee facility during this period.

<b>Fox Lake Streets Dept. – Fox Lake</b>			
<b>Item</b>	<b>2009 Results</b>	<b>2007 Results</b>	<b>Difference</b>
Vehicles	215	289	-74
Households	237	333	-96
Fox Lake Residents	55 (26%)	70 (24%)	-15
1 <sup>st</sup> Timers	92 (43%)	109 (38%)	-17
Oil/Antifreeze	440 gals.	990 gals.	-550 gals.
Containerized Waste	Est. 23,500 lbs.	Est. 20,630 lbs.	Est.+ 2,870 lbs.

<b>Vernon Hills Metra Station – Vernon Hills</b>			
<b>Item</b>	<b>May 2009 Results</b>	<b>May 2008 Results</b>	<b>Difference</b>
Vehicles	673	653	+20
Households	742	720	+22
Vernon Hills Residents	244 (36%)	231 (35%)	+13
1 <sup>st</sup> Timers	199 (30%)	225 (35%)	-26
Oil/Antifreeze	550 gals.	495 gals.	+ 55 gals.
Containerized Waste	Est. 34,800 lbs.	Est. 36,640 lbs.	Est. -1,840 lbs.

<b>Public Drop-off Events - Gurnee</b>			
<b>Date</b>	<b># of Cars</b>	<b># of Households</b>	<b>Duration</b>
Saturday – April 11 <sup>th</sup>	80	92	5hrs.
Wednesday – April 22 <sup>nd</sup>	55	66	5.5hrs.
Saturday – May 9 <sup>th</sup>	93	102	5hrs.
Monday – May 18 <sup>th</sup>	80	98	5.5hrs.

Four collection events are scheduled for June, one mobile event (Lake Zurich - June 6<sup>th</sup>) and three public drop-off events (June 13<sup>th</sup>, June 22<sup>nd</sup> and June 27<sup>th</sup>).

**ENCLOSED DOCUMENTS:** None

**STAFF:** Steve Nelson, Household Chemical Waste Engineer

**I – 4. 1<sup>st</sup> Quarter 2009 Recycling and Per Ton Payment Report**

**BACKGROUND:** Attached is the reported tabulations of curbside recyclable material tonnage, by member community, for the first quarter of 2009. Tonnage totals are reported by quarter. The information is provided by refuse hauling companies servicing customers in Lake County.

The 2007 and 2008 tonnage figures are listed for comparison purposes. First quarter 2009 shows that 14,160.21 tons of recyclables were collected from Lake County communities. Compared to previous year's 1<sup>st</sup> quarter totals, Lake County communities have generated approximately 8% less material than was reported for the first quarter of 2008.

Staff believes that the overall decline in the national economy coupled with home vacancy in some of our member communities is a key factor to the decrease in volume of materials collected

The Village of Mundelein initiated a cart collection program on May 1, 2009. Lake County now has twenty-four municipalities and three townships collecting recyclables utilizing cart based single stream programs.

As reported at the January Board of Directors meeting, the market values of all recyclable commodities have lost between 50 to 75 percent of their value since October of 2008. Due to these unprecedented circumstances, the Agency Members Per Ton Payment Program did not realize a positive value for the 1<sup>st</sup> quarter of 2009 so subsequently Members participating in the Per Ton Payment program will not receive payment from the 1<sup>st</sup> quarter 2009.

Looking forward into 2009 shows indicators of a fragile commodities market that has at best flattened out. If this holds for the following three months, it will mean that members will not receive any per ton payment from the second and third quarters of 2009. In order for any payments the quarterly average blended index must be at \$50.00 or higher.

**ENCLOSED DOCUMENTS:** Municipal Summary Table - 2009 Recycling Volumes, SWALCO Members Per Ton Payment Summary 1st Qtr. 2009, Quarterly Single Stream Value Calculation for SWALCO Contract Rebate Q1 2009.

**STAFF:** Peter Adrian, Recycling Coordinator.



**Solid Waste Agency of Lake County**  
MUNICIPAL SUMMARY TABLE - 2009 RECYCLING VOLUMES

MUNICIPALITY	SERVICE PROVIDER	1st Qtr 2009 TOTAL	1st Qtr 2008 TOTAL	1st Qtr 2007 TOTAL
ANTIOCH*	Waste Management, Inc. Antioch	299.48	328.71	359.40
BEACH PARK	Veolia Environmental Services. Waukegan	21.00	13.00	10.00
BEACH PARK	Waste Management, Inc. Antioch	8.41	8.76	9.90
BEACH PARK	Groot Industries	209.00	220.00	206.00
BEACH PARK	<b>TOTAL</b>	<b>238.41</b>	<b>241.76</b>	<b>225.90</b>
DEERFIELD*	Veolia Environmental Services. Northbrook	594.75	684.94	675.06
DEER PARK	Groot Industries	130.97	116.08	97.31
FOX LAKE	Waste Management, Inc. Antioch	112.01	119.86	124.60
GRAYSLAKE*	Waste Management, Inc. Antioch	577.32	757.45	778.20
GRAYSLAKE Drop-Off	Waste Management, Inc. Antioch	21.71	22.92	32.40
GRAYSLAKE*	<b>TOTAL</b>	<b>599.03</b>	<b>780.37</b>	<b>810.60</b>
GREEN OAKS*	Groot Industries	102.00	119.00	113.00
GURNEE*	Waste Management, Inc. Antioch	804.61	874.87	882.70
HAINESVILLE*	Veolia Environmental Services. Waukegan	51.44	56.00	84.00
HAWTHORN WOODS*	Waste Management, Inc. Wheeling	410.31	481.51	378.00
HIGHLAND PARK	Veolia Environmental Services. Northbrook	1,046.17	1,170.90	1,153.26
ISLAND LAKE	Waste Management, Inc. Antioch	208.46	217.02	206.50
KILDEER*	Waste Management, Inc. Wheeling	195.38	164.95	191.00
LAKE BARRINGTON	Waste Management, Inc. Antioch	132.62	205.24	203.40
LAKE BLUFF	Waste Management, Inc. Antioch			177.20
LAKE BLUFF Drop-Off	Waste Management, Inc. Antioch			37.10
LAKE BLUFF*	Groot Industries	233.93	304.72	
LAKE BLUFF Drop-Off	Groot Industries	14.34	15.72	
LAKE BLUFF*	<b>TOTAL</b>	<b>248.27</b>	<b>320.44</b>	<b>214.30</b>
LAKE FOREST	Municipal Collection	540.80	490.57	473.11
LAKE VILLA*	Waste Management, Inc. Antioch	109.30	132.21	121.61
LAKE ZURICH*	Waste Management, Inc. Wheeling	703.28	868.13	870.00
LIBERTYVILLE	Groot Industries	612.00	597.00	595.00
LINCOLNSHIRE*	Waste Management, Inc. Wheeling	200.51	251.29	185.00
LINDENHURST*	Jensen Disposal	409.00	487.00	462.00
LONG GROVE	Waste Management, Inc. Wheeling	231.24	266.31	280.00
MUNDELEIN	Groot Industries	841.00	849.00	822.00
NORTH BARRINGTON	Waste Management, Inc. Antioch	106.68	149.75	133.30
NORTH CHICAGO	Veolia Environmental Services. Waukegan	161.22	190.00	173.00
GLNTC Housing	Waste Management, Inc. Antioch	42.06	38.07	27.30
PARK CITY*	Groot Industries	31.00	31.00	29.00
PORT BARRINGTON*	Waste Management, Inc. Antioch	16.91	24.06	40.60
RIVERWOODS	Waste Management, Inc. Wheeling	134.64	231.28	174.00
ROUND LAKE*	Waste Management, Inc. Antioch	392.43	410.06	394.40
ROUND LAKE BEACH*	Waste Management, Inc. Antioch	603.74	631.72	615.60
ROUND LAKE PARK*	Veolia Environmental Services. Waukegan	116.79	89.00	87.00
ROUND LAKE HEIGHTS*	Groot Industries	70.00	78.00	73.00
THIRD LAKE*	Waste Management, Inc. Antioch	34.63	40.39	48.90
TOWER LAKES	Waste Management, Inc. Antioch	38.49	49.35	48.15
VERNON HILLS*	Veolia Environmental Services. Waukegan	533.28	617.00	633.00
WADSWORTH	Groot Industries	110.00	103.00	97.00
WAUCONDA*	Waste Management, Inc. Antioch	271.33	288.62	315.30
WAUKEGAN	Veolia Environmental Services. Waukegan	565.59	552.00	580.00
WINTHROP HARBOR*	Groot Industries	215.00	82.00	
WINTHROP HARBOR*	Veolia Environmental Services. Waukegan		147.00	147.00
WINTHROP HARBOR*	<b>TOTAL</b>	<b>215.00</b>	<b>229.00</b>	<b>147.00</b>
ZION	Veolia Environmental Services. Waukegan	155.52	198.00	110.00
LAKE COUNTY	Veolia Environmental Services. Northbrook	76.04	98.06	83.70
LAKE COUNTY	Waste Management, Inc. Antioch	803.63	945.33	1,077.06
LAKE COUNTY	Waste Management, Inc. Wheeling	236.19	0.00	22.00
LAKE COUNTY	Groot Industries	624.00	589.00	549.00
LAKE COUNTY	<b>TOTAL</b>	<b>1,739.86</b>	<b>1,632.39</b>	<b>1,731.76</b>
<b>TOTALS</b>		<b>14,160.21</b>	<b>15,405.85</b>	<b>14,986.06</b>

\*Municipalities Utilizing Recycling Carts



1st Quarter 2009  
Per Ton Payment Summary

<b>SWALCO MEMBERS DIRECTING TO WMRA</b>	<b>1st Qtr. 2009 TONS</b>	<b>Per Ton Payment @ \$0.00 Per Ton</b>
ANTIOCH*	299.48	\$0.00
ELA TOWNSHIP*	222.11	\$0.00
FOX LAKE	112.01	\$0.00
GRAYSLAKE*	599.03	\$0.00
GREEN OAKS*	102.00	\$0.00
GURNEE*	804.61	\$0.00
HAINESVILLE*	51.44	\$0.00
HAWTHORN WOODS*	410.31	\$0.00
HIGHLAND PARK	1,046.17	\$0.00
ISLAND LAKE	208.46	\$0.00
KILDEER*	195.38	\$0.00
LAKE BARRINGTON	132.62	\$0.00
LAKE BLUFF*	248.27	\$0.00
LAKE VILLA*	109.30	\$0.00
LAKE ZURICH*	703.28	\$0.00
LIBERTYVILLE	612.00	\$0.00
LINCOLNSHIRE*	200.51	\$0.00
LINDENHURST*	409.00	\$0.00
LONG GROVE	231.24	\$0.00
MUNDELEIN	841.00	\$0.00
NORTH BARRINGTON*	106.68	\$0.00
PARK CITY*	31.00	\$0.00
PORT BARRINGTON*	16.91	\$0.00
RIVERWOODS	134.64	\$0.00
ROUND LAKE*	392.43	\$0.00
ROUND LAKE BEACH*	603.74	\$0.00
ROUND LAKE HEIGHTS	70.00	\$0.00
ROUND LAKE PARK*	116.79	\$0.00
THIRD LAKE*	34.63	\$0.00
TOWER LAKES	34.49	\$0.00
VERNON HILLS*	533.28	\$0.00
WADSWORTH	110.00	\$0.00
WAUCONDA*	271.33	\$0.00
WINTHROP HARBOR*	215.00	\$0.00
<b>TOTALS</b>	<b>10,209.14</b>	<b>\$0.00</b>

\* Utilizing Recycling Carts

<b>Blended Index Pricing</b>		<b>Per Ton Payment</b>
January 2009	\$26.32	
February 2009	\$31.86	
March 1, 2009	\$39.03	
<b>Three Month Average</b>	<b>\$32.40</b>	<b>\$0.00</b>

Quarterly Single Stream Value Calculation for the SWALCO Contract Rebate  
Q1 2009

Commodity/Material	Source	%	January Per Ton \$	January Value	February Per Ton \$	February Value	March Per Ton \$	March Value	Quarter Average Value
ONP #8	OBM Chicago HS	47.00%	\$ 30.00	\$ 14.10	\$ 30.00	\$ 14.10	\$ 40.00	\$ 18.80	\$ 15.67
OCC	OBM Chicago HS	6.00%	\$ 20.00	\$ 1.20	\$ 30.00	\$ 1.80	\$ 40.00	\$ 2.40	\$ 1.80
Mixed Paper	OBM Chicago HS	13.00%	\$ 5.00	\$ 0.65	\$ 15.00	\$ 1.95	\$ 20.00	\$ 2.60	\$ 1.73
Three-Mix Glass	Actual	16.00%	\$ (23.78)	\$ (3.80)	\$ (23.78)	\$ (3.80)	\$ (23.78)	\$ (3.80)	\$ (3.80)
Tin	Waste News HS	2.20%	\$ 50.00	\$ 1.10	\$ 50.00	\$ 1.10	\$ 50.00	\$ 1.10	\$ 1.10
Aluminum	Waste News HS	1.00%	\$ 900.00	\$ 9.00	\$ 900.00	\$ 9.00	\$ 900.00	\$ 9.00	\$ 9.00
PET	Waste News HS	2.50%	\$ 100.00	\$ 2.50	\$ 180.00	\$ 4.50	\$ 220.00	\$ 5.50	\$ 4.17
HDPE Natural	Waste News HS	1.10%	\$ 300.00	\$ 3.30	\$ 340.00	\$ 3.74	\$ 360.00	\$ 3.96	\$ 3.67
HDPE Colored	Waste News HS	1.20%	\$ 200.00	\$ 2.40	\$ 300.00	\$ 3.60	\$ 300.00	\$ 3.60	\$ 3.20
Mixed Plastic Film	Actual	1.00%	\$ (41.25)	\$ (0.41)	\$ (41.25)	\$ (0.41)	\$ (41.25)	\$ (0.41)	\$ (0.41)
Residue	Actual	9.00%	\$ (41.25)	\$ (3.71)	\$ (41.25)	\$ (3.71)	\$ (41.25)	\$ (3.71)	\$ (3.71)
Total		100.00%		\$ 26.32		\$ 31.86		\$ 39.03	\$ 32.40

The quarterly rebate per ton is ... \$ -

Directed SWALCO tons for the quarter as reported by SWALCO -----> 10,209.14

Total Rebate due to SWALCO -----> \$ -

Schedule of Rebate Payments to SWALCO on Directed Volumes  
For Contract Period 1/1/2009 to 12/31/2012

If the Stream Value is ...

at least ... \$ 0.00	but no more than \$ 49.99	then the rebate per ton is ... \$ 0.00
at least ... \$ 50.00	but no more than \$ 59.99	then the rebate per ton is ... \$ 2.50
at least ... \$ 60.00	but no more than \$ 69.99	then the rebate per ton is ... \$ 5.00
at least ... \$ 70.00	but no more than \$ 79.99	then the rebate per ton is ... \$ 7.50
at least ... \$ 80.00	but no more than \$ 89.99	then the rebate per ton is ... \$ 10.00
at least ... \$ 90.00	but no more than \$ 99.99	then the rebate per ton is ... \$ 15.00
at least ... \$ 100.00	but no more than \$ 109.99	then the rebate per ton is ... \$ 18.00
at least ... \$ 110.00	but no more than \$ 119.99	then the rebate per ton is ... \$ 21.00
at least ... \$ 120.00	but no more than \$ 129.99	then the rebate per ton is ... \$ 24.00
at least ... \$ 130.00	but no more than \$ 139.99	then the rebate per ton is ... \$ 36.00
at least ... \$ 140.00	but no more than \$ 149.99	then the rebate per ton is ... \$ 40.00
at least ... \$ 150.00	but no more than \$ 159.99	then the rebate per ton is ... \$ 44.00
at least ... \$ 160.00	but no more than \$ 169.99	then the rebate per ton is ... \$ 48.00
at least ... \$ 170.00	but no more than \$ open	then the rebate per ton is ... (stream value less \$50) X 50%)

**I – 5. 2008 Illinois EPA Municipal Waste and Recycling Survey**

**BACKGROUND:** Attached for your review is a copy of a report submitted to the Illinois EPA. This report is submitted annually and published in the state's Annual Disposal Capacity Report. This represents the final recycling tonnage report for 2008.

State law defines the type of materials that may be counted in determining the recycling rate. They include residentially generated waste, commercial and industrial waste (excluding manufacturing waste volumes) and non-clean construction and demolition debris. In order to show compliance with Illinois law, Agency staff have surveyed and compiled reported volumes of recycled materials from local haulers, commercial businesses, landscape waste sites and commercial generators of municipal waste. This data is factored against our per-capita waste generation rate to determine the total recycling rate for Lake County.

Tabulation of recycling volumes submitted from federal installations, commercial businesses, corporate entities, landscape waste sites and construction and demolition waste processors have been added to municipal recycling tonnage for calculation of the Lake County recycling rate as reported to the Illinois EPA. Waste generation is based on a 7.51 pound per-capita per-day average as determined by the 2004 Lake County Solid Waste Plan Update.

2008 total recycled tonnage reported to the Agency was 478,383 tons. Factoring this figure against to total volume of municipal waste generated (976,470 tons) results in a 50% recycling rate for Lake County in 2008. This percentage exceeds the State's mandated 25% recycling goal by a significant margin.

The Agency will continue to monitor its recycling rate on an annual basis and recognize the commitment the County's residents and businesses have made to recycling and waste reduction.

**ENCLOSED DOCUMENTS:** Illinois EPA 2008 Municipal Waste and Recycling Survey, Recycling and Waste Generation Comparison Graphs.

**STAFF:** Peter Adrian, Recycling Coordinator.

*Note: We request that this voluntary survey be returned to Ellen Robinson at the Illinois EPA by fax at 217-782-9290 or by mail, using the enclosed envelope, on or before March 16, 2009.*

Information will be published in the Illinois EPA's Nonhazardous Solid Waste Management and Landfill Capacity in Illinois: 2008, 22nd Annual Report. If you have any questions, contact Ellen Robinson at 217-782-9288 or e-mail [ellen.robinson@illinois.gov](mailto:ellen.robinson@illinois.gov).

## ILLINOIS EPA MUNICIPAL WASTE RECYCLING SURVEY

### I. General Information

*The left column in each section presents the most current Illinois EPA information from your Waste Management Plan or Plan Update from the information you provided last year; use the right column to provide the most recent data available.*

Current Information:	Updated Information:
County: <u>Lake</u>	County: _____
IEPA Region: <u>2</u>	IEPA Region: _____
Contact: <u>Mr. Peter Adrian</u>	Contact: _____
Title: <u>Recycling Coordinator</u>	Title: _____
Address: <u>Solid Waste Agency of Lake County</u>	Address: _____
<u>1311 N. Estes St.</u>	_____
City: <u>Gurnee, IL</u>	City: _____
Zip Code: <u>60031-2242</u>	Zip Code: _____
Phone: <u>847-336-9340 ext. 3</u>	Phone: _____
Fax: <u>847-336-9374</u>	Fax: _____
E-mail: <u>padrian@swalco.org</u>	E-mail: _____

### II. Municipal Waste (MW) Generation Information

Current Information:	Updated Information: <sup>(1)</sup>
<u>710,241</u> 1. Population	<u>712,453</u> 1. Population
<u>7.51</u> 2. MW generation rate, pcd	<u>7.51</u> 2. MW generation rate, pcd
<u>973,439</u> 3. Total MW generated, tons	<u>976,470</u> 3. Total MW generated, tons <sup>(2)</sup>
<i>For (3.), either (a) multiply (the population (1.) by the MW generation rate (2.) x 365 days) and divide by 2000 lbs/ton or (b) total each category of municipal waste derived from your report.</i>	
<u>.2007</u> 4. Time frame for above information	<u>1/1/2008 – 12/31/2008</u> 4. Time frame for above information

<sup>(1)</sup> The updated information was obtained from the following source(s) (e.g., plan update, surveys, reporting forms):

(1) U.S. Census Bureau 2008 data.

(2) Solid Waste Agency of Lake County 2004 Solid Waste Management Plan Update.

<sup>(2)</sup> Indicate which method (a) or (b) was used to obtain total MW generated: (a)

### III. Recycling Information

**Current Information:**

**Updated Information:<sup>(1)</sup>**

535,208

5. Total MW recycled, tons

478,383

5. Total MW recycled, tons

55.0

6. % of total MW recycled

50.0

6. % of total MW recycled

For (6.), divide the total tons of MW recycled (5.) by the total MW generated (3.) and multiply this number by 100.

,2007

7. Time frame for  
above information

1/1/2008 - 1/31/2008

7. Time frame for  
above information

(1) The updated information was obtained from the following source(s) (e.g., plan update, surveys, reporting forms):

**IV. Indicate Which Materials Are Being Included in the Calculation of the Recycling Rate:**

☒ Aluminum

☒ Glass

**X** Paper

☒ Batteries, Household

☒ Landscape Waste

(including OCC, paperboard,  
newspaper, magazines, junk mail...)

☒ Batteries, Lead Acid

☒ Metals  
(including white goods and computers)

**X**      **Plastics**

☒ Commingled  
Recyclables

☒ Tires  
(that are not incinerated)

☒ Construction/Demo.  
Debris

☒ Paint, Latex  
(that is recycled, not  
fuel-blended)

☒ Other Recyclables (please list)

## Scrap Electronics

*If you have questions related to the inclusion of specific materials, refer to the attached ILCSWMA Recycling Measurements Working Group Final Report which details what can and cannot be included in the definitions of municipal waste and recycling.*

## V. Reporting Ordinances

If your jurisdiction has enacted, or will enact, any (mandatory) reporting ordinances, please mark the appropriate boxes

☒ Residential Ordinances, effective: 1/1/1999

☒ Commercial Ordinance, effective: 1/1/2006

☐ Developing Residential Ordinance:

☐ Developing Commercial Ordinance

## VI. Comments

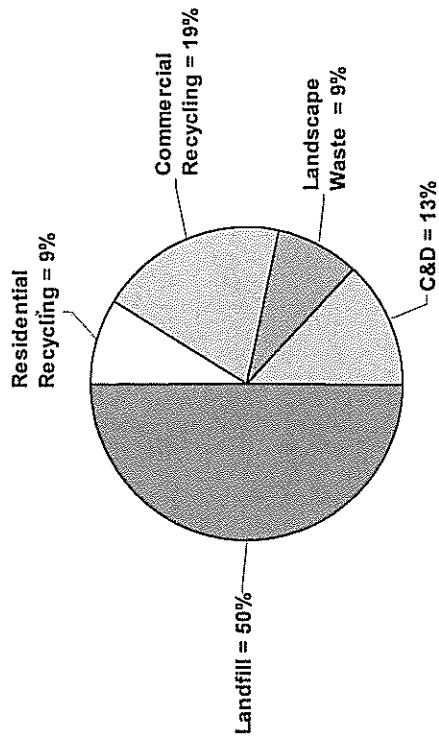
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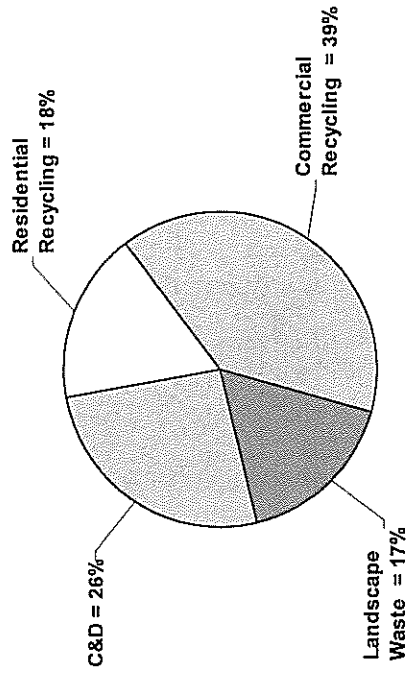
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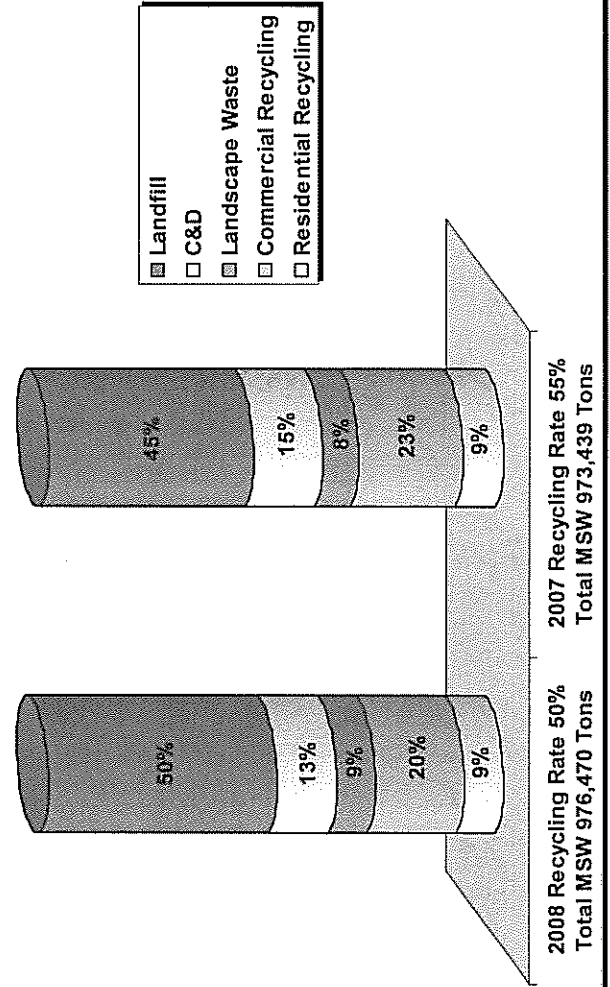
# 2008 LAKE COUNTY TOTAL MUNICIPAL SOLID WASTE STREAM Recycling Rate = 50%



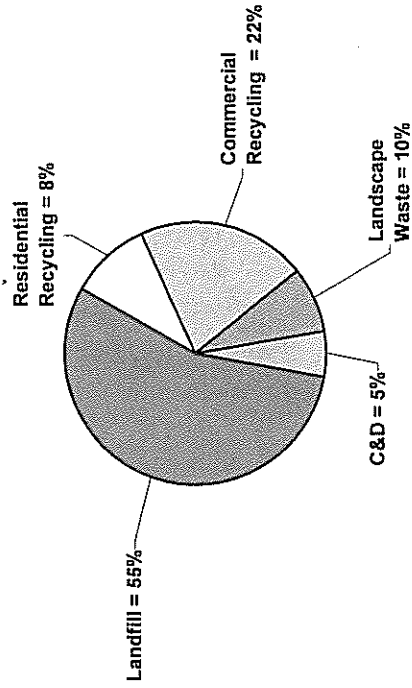
# 2008 LAKE COUNTY RECYCLING STREAM COMPOSITION



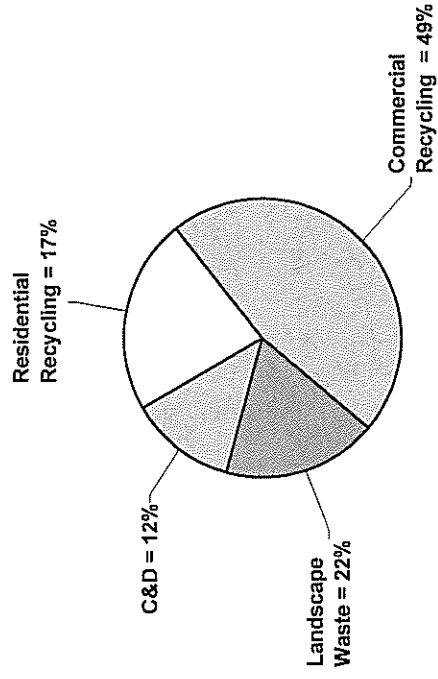
## Lake County Municipal Solid Waste Generation Comparison



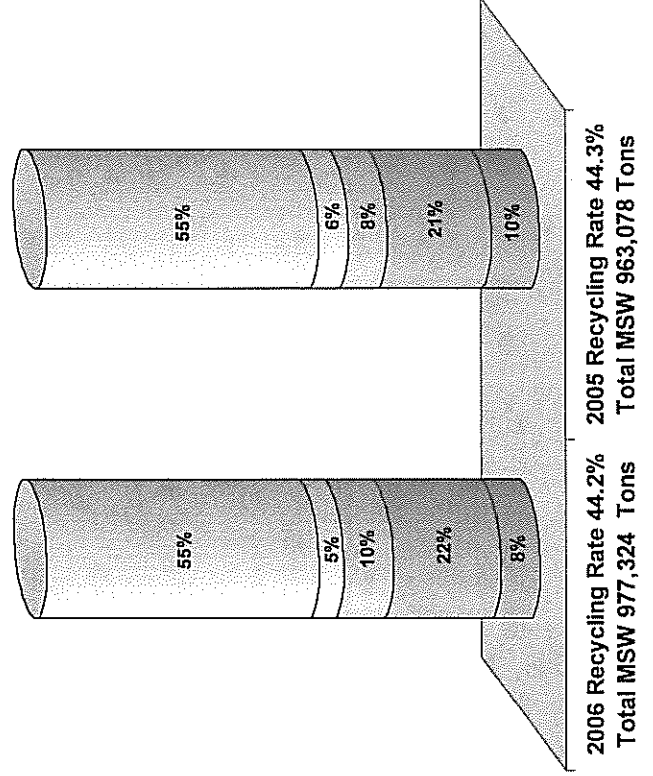
2006 LAKE COUNTY  
TOTAL MUNICIPAL SOLID WASTE STREAM  
Recycling Rate = 44%



2006 LAKE COUNTY  
RECYCLING STREAM COMPOSITION



Lake County Municipal Solid Waste Generation Comparison



**I – 6 Budget Update**

**BACKGROUND:** In anticipation of a more difficult budget cycle for FY 2010 I have prepared a couple of scenarios (see attachment) regarding next year's budget. The primary factor impacting the budget is the continued decrease in landfill volumes and the accompanying decrease in revenue from the local surcharge. Here is a breakdown of revenues from the two landfills for county fiscal years 2005-2008:

<b><u>Landfill</u></b>	<b><u>2005 Revenue</u></b>	<b><u>2006 Revenue</u></b>	<b><u>2007 Revenue</u></b>	<b><u>2008 Revenue</u></b>
Countryside LF	\$537,286	\$513,610	\$497,598	\$469,302
Zion LF	\$761,116	\$745,615	\$728,092	\$618,641
Total	\$1,298,402	\$1,259,225	\$1,225,690	\$1,087,943

Since 2005 we have seen a drop in annual revenue of \$210,459 or approximately 16%. Based on the trend for the first four months of this county fiscal year, landfill volumes are down again from 2008 by 5% at Countryside LF and 7% at Zion LF.

We have cut expenses over the past several years as well, from approved budget expenditures of \$1,213,380 for FY 2007 to \$1,132,050 for FY 2009 (even accounting for increases in salaries, benefits and county indirect fees).

As the attachment shows, with the expected continued decreases in revenues and other budgetary increases and decreases as noted, SWALCO is projected to have a budget deficit of \$52,427 under scenario 1 (no impact from the Crystal Lake TS) and a deficit of \$141,325 under scenario 2 (with impact from Crystal Lake TS).

If our goal is to continue to balance the budget (we did approve a slight budget deficit this fiscal year) or come very close to balancing our budget without relying on the fund balance, we will need to make some significant cuts in our expenditures and/or find new sources of revenue. I plan to present you with a draft budget this August so we will have plenty of time to discuss it prior to approving it in October.

**ENCLOSED DOCUMENTS:** Spreadsheet showing two budget scenarios for FY 2010

**STAFF:** Walter Willis, Executive Director



SWALCO Budget Projection for FY 2010, Scenario 1 - No impact from Crystal Lake TS								
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[illegible]

## SWALCO Budget Projection for FY 2010, Scenario 2 - With impact from Crystal Lake TS

[illegible]